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February 7, 2013

Via Federal Express



United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with TSCA Section 8(e): Results of OECD 202 Screening Toxicity Test in *Daphnia Magna* with CAS No. 32555-39-8

Dear Section 8(e) Coordinator:

BASF Corporation is submitting results of a 48-Hour Static Acute Toxicity Screening Test with the Cladoceran (*Daphnia magna*) on mixture containing the active ingredient 2-Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with ethanedial and 2-propenamide, CAS No. 32555-39-8 in water, conducted by Wildlife International, Maryland, United States on behalf of BASF Corporation, Florham Park, New Jersey. The substance is a paper chemical.

The purpose of this study was to evaluate the toxic effect of -Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with ethanedial and 2-propenamide on the Cladoceran, *Daphnia magna*, during a 48-hour exposure period under static test conditions. The study was performed based on procedures in the OECD Guidelines for Testing of Chemicals, Guideline 202: *Daphnia sp.*, Acute Immobilization Test (1); U.S. EPA Series 850 - Ecological Effects Test Guidelines, OPPTS Number 850.1010: *Aquatic Invertebrate Acute Toxicity Test* (2); and ASTM Standard E-729-96: *Standard Guide for Conducting Acute Toxicity Tests on Test Materials with Fishes, Macroinvertebrates and Amphibians* (3). The data are reported relative to the pure active ingredient (2% v/v).

The 48-hour EC50 value for -Propen-1-aminium, N,N-dimethyl-N-2-propen-1-yl-, chloride (1:1), polymer with ethanedial and 2-propenamide was determined to be 81 mg a.i./L with a 95% confidence interval of 52 to 124 mg a.i./L. The 48-hour NOEC was determined to be 8.1 mg a.i./L based on visual interpretation of immobility and clinical signs of toxicity.



BASF Corporation
100 Park Avenue
Florham Park, NJ, 07932
Tel: (800) 526-1072
www.basf.com/usa

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Page 2

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note the technical contact and address below and direct all correspondence regarding this submission accordingly. If you have any questions, please call (248) 948-2051.

Sincerely,

Technical Contact: Alisa Boucher

A handwritten signature in cursive script that reads "Alisa Boucher".

BASF Corporation
Product Regulatory Center of Expertise – North America
26701 Telegraph Road, Southfield, MI 48033

/ab

1451st _Letter doc

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 Alisa Boucher
 BASF
 26701 Telegraph Road
 SOUTHFIELD, MI 48033

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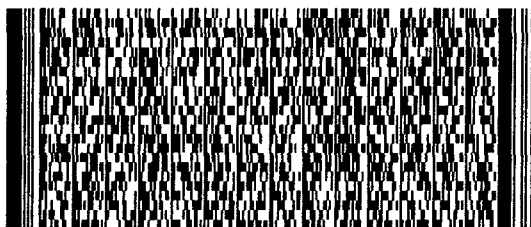
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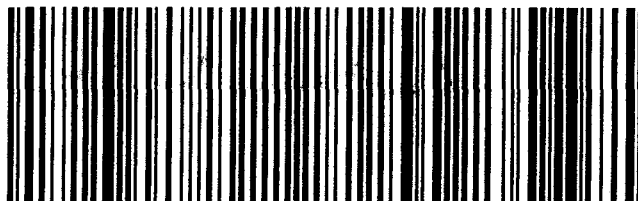
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